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Our File No. 9281/4578

Client Reference No. N US02051

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Atsushi Magara )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For Rotary Head with Small Output )  
Difference and Tape-Medium, )  
Recording and playback Apparatus )  
Using the Same )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

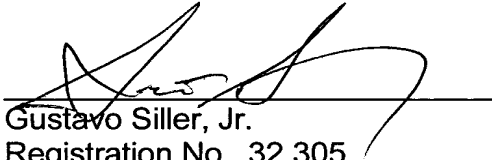
Japanese Unexamined Patent Application Publication No. 5-290338 discloses an azimuth recording operation..

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest this reference as prior art against the present application, and Applicant does not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicant's invention or that this reference makes Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gustavo Siller, Jr.", is written over a horizontal line.

Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary)	SERIAL NO.	CASE NO.
	To be Assigned	9281/4578
	FILING DATE	GROUP ART UNIT
Herewith		
APPLICANT(S): Atsushi Magara		

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A1	5-290338	11/1993	JP		x	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)					

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.